CLAIMS:

1. A method of performing a network survey for a radio telecommunications network comprising two or more base stations, the method comprising:

receiving signals from a location system external to a network for determining a location of a network survey device;

locating the network survey device at a first location and, with the network survey device at the first location, receiving signals from a first base station of the network at the first location by means of the network survey device, thereby measuring synchronization of said first base station relative to a reference time-frame determined from the location system; and

moving the network survey device to a second location and, with the network survey device at the second location, receiving signals from the first base station at the second location by the means of a network survey device, thereby measuring synchronization of said first base station relative to the reference time-frame.

2. A method as recited in claim 1, further comprising the step of comparing results of measurements at the first and second locations with pre-determined network management criteria.

3. A method as recited in claim 2, further comprising the step of modifying a configuration of the network based upon the results of the comparison.

4. A method as recited in claim 1, wherein the receiving step comprises receiving the signals from the location system, which comprises a satellite location system and the signals from satellites of the system are received for determining the location of the network survey device.

5. A method as recited in claim 4, wherein the receiving step comprises receiving the signals from the location system, which comprises the Global Positioning System.

6. A method as recited in claim 4, further comprising:

recording visibility of the satellites and quality of the signals of the satellites by means of the network survey device.

7. A method as recited in claim 1, further comprising:

measuring a quality and a signal level of the signal received from the first base station.

8. A method as recited in claim 1, further comprising:

receiving signals from a second base station of the network by means of the network survey device in the first and second locations, and

synchronizing the second base station relative to the reference time-frame.

9. A network survey device comprising:

first receiving means for receiving signals from base stations;

second receiving means for receiving a reference time-frame signal; and

first measuring means for measuring synchronization of base stations relative to a reference time-frame.

10. A network survey device as recited in claim 9, further comprising second measuring means for measuring the synchronization of at least one base station relative to another base station.

11. A network survey device comprising:

a first receiver for receiving from signals from base stations;

a second receiver for receiving a reference time-frame signal; and

a measuring device for measuring synchronization of a base station relative to a reference time-frame.

12. A method of obtaining network survey information in a telecommunications network comprising a plurality of base stations, the method comprising the steps of:

receiving signals from a location system external to a network for determining a location of a network survey device;

locating the network survey device at a first location and, with the network survey device at the first location, receiving signals from at least one of a plurality of base stations at the first location by means of the network survey device, thereby measuring synchronization of said at least one base station of said plurality of base stations relative to a reference time-frame determined from the location system; and

moving the network survey device to a second location and, with the network survey device at the second location, receiving signals from said at least one base station of said plurality of base stations at the second location by the means of a network survey device, thereby measuring synchronization of said at least one base station of said plurality of base stations relative to the reference time-frame.

13. A method as recited in claim 12, further comprising the step of comparing results of measurements at the first and second locations with pre-determined network management criteria.

14. A method as recited in claim 13, further comprising the step of modifying a configuration of the network based upon the results of the comparison.

15. A method as recited in claim 12, wherein

the step of locating the network survey device at the first location comprises receiving the signals from said plurality of base stations, and

the step of moving the network survey device to the second location comprises receiving the signals from said plurality of base stations.

16. A method as recited in claim 12, wherein the step of moving the network device to the second location comprises receiving the signals from a first base station and from at least one neighboring base station of the network.

17. A method as recited in claim 12, wherein the step of moving the network device to the second location comprises receiving the signals from a first base station of the network and at least one base station associated with another telecommunications network.